

Claims

1. A hand-held power tool, in particular a sander, having a housing (10) and a
5 motor (12) located in the housing (10), by way of which motor a driven shaft (16),
extending from a face end (14) of the housing (10), is drivable, and having a
suction conduit (18), extending at least partway through the housing (10),
characterized in that the suction conduit (18) discharges at the face end (14).
- 10 2. The hand-held power tool as recited in claim 1, characterized in that the
suction conduit (18) extends, in at least one region, by at least 180° around the
driven shaft (16).
- 15 3. The hand-held power tool as recited in claim 2, characterized in that the
suction conduit (18) extends, in at least one region, by at least 360° around the
driven shaft (16).
- 20 4. The hand-held power tool as recited in one of the foregoing claims,
characterized in that the suction conduit (18), in at least one region, has a spacing
of less than 1 cm from the driven shaft (16).
- 25 5. The hand-held power tool as recited in claim 4, characterized in that the
suction conduit (18), in at least one region, directly adjoins the driven shaft (16).
- 30 6. A tool receptacle having at least one suction conduit (20), which is intended
for installation in a hand- held power tool as recited in one of the foregoing claims.
7. The tool receptacle as recited in claim 6, characterized in that the suction
conduit (20) has at least one transverse conduit segment (22), which extends at
least substantially parallel to a sanding plane (24).
8. The tool receptacle as recited in claim 7, characterized in that the
transverse conduit segment (22) is embodied as open in the direction toward the
sanding plane (24).

9. A system having a hand-held power tool as generically defined by the preamble to claim 1, and in particular as recited in one of the foregoing claims, and having a tool receptacle with a suction conduit (20), wherein the suction
5 conduit (18) in the housing (10) of the hand-held power tool and the suction conduit (20) in the tool receptacle are intended for direct coupling.

10. The system as recited in claim 9, characterized in that the suction conduit (18) in the housing (10) of the hand-held power tool and the suction conduit (20) in
10 the tool receptacle, in the installed state of the tool receptacle, are coupled via a region (26) that is open toward the outside.